Please replace the equation in the specification on page 21, line 5 with the following:

$$\frac{dA^+}{dz} = j\Omega A^- e^{-j[2\Delta\beta.z+\phi(z)]}$$

Please replace the equation in the specification on page 22, line 2 with the following:

$$C_2 = \Delta\beta\gamma \sinh(\gamma L)$$

Please replace the equation in the specification on page 22, line 8 with the following:

$$T = \frac{\gamma^4}{\Delta\beta^2(\Delta\beta^2 \cosh^2(\gamma L) + \gamma^2 \sinh^2(\gamma L) - 2\Omega^2(\cosh(\gamma L)) + \Omega^4)}$$

Please replace the equation in the specification on page 31, line 3 with the following:

$$\Delta n_0 / 2$$

Please replace "z2" in the specification on page 31, line 12 with the following:

$$z_2$$

Please replace the equation in the specification on page 31, line 21 with the following:

$$\Delta n(z) = \Delta n_1(z) + \Delta n_2(z) = \Delta n_{aver} - \Delta n_0.\cos\left(\frac{2\pi}{\Lambda}.z\right)$$

Please replace the equation in the specification on page 42, line 9 with the following:

$$z_n^2(t) = \frac{L}{2}\left[1 + \frac{2}{N}.\sqrt{\ln\left(\frac{T}{T-2t}\right)}\right]$$